C.U.SHAH UNIVERSITY Summer Examination-2017

Subject Name : Programming with Java –II										
Subjec	t Code	e : 4CS04BJV2 Branch: E	Branch: B.C.A.							
Semest	ter : 4	Date : 12/04/2017 Time : 10	:30 To 01:	30 Marks : 70						
 Instructions: (1) Use of Programmable calculator & any other electronic instrument is prohibited. (2) Instructions written on main answer book are strictly to be obeyed. (3) Draw neat diagrams and figures (if necessary) at right places. (4) Assume suitable data if needed. 										
Q1	Attem	pt following MCQs.		14						
	1)	Skeleton is a side remote obja)Clientc)Both a and b	ject. b) d)	Server None						
	2)	Which is not Layout Manager in java?a) GridBagc) Back	b) d)	Border Card						
	3)	 EJB means a) Entity Java Bean c) Entity Java Box 	b) d)	Enterprise Java Box Enterprise Java Bean						
	4)	DatabaseMetaData available in a) java.io c) java.db	– b) d)	java.mysql java.sql						
	5)	Which is J2EE API?a) Servletc) JNDI	b) d)	JSP All of the above						
	6)	Which is Action Element in java?a) jsp:paramc) jsp:forward	b) d)	jsp:include All of the above						
	7)	Which is scripting elements in JSP?a) declarationc) expression	b) d)	scriptlet All of these						

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	8)		n is not session tacking approach? Hidden form field	b)	LIDI Douriting			
		a)	Cookies	b) d)	URL Rewriting Exception			
		()	COOKIES	u)	Exception			
	9)	Whicl	n is web container/server?					
	,	a)	GlassFish	b)	Apache Tomcat			
		c)	Both A and B	d)	None			
	10)	Which is server side programming language?						
		a)	Servlet	b)	PHP			
		c)	JSP	d)	All of the above			
	11)	North	, South, East, West available in					
	/	a)	BorderLayout	b)	FlowLayout			
		c)	CardLayout	d)	GridLayout			
		,	,	,	5			
	12)	Datab	ase Connection is created using		_ class in java.			
		a)	DriverMaster	b)	DBConnect			
		c)	ConnectDB	d)	DriverManager			
	10)	а ·	/ 1 •					
	13)		on created using	b)	Litte CompletDeenenen			
			HttpSession HTMLSession	b) d)	HttpServletResponse None	•		
		0)	HIMLSession	d)	INOILE			
	14)	execu	te() is a method of class.					
	,	a)	HttpRequest	b)	Statement interface			
		c)	HttpResponse	d)	None			
Attem	<u>ipt any</u>	FOUR	Questions from following.					
Q2	Attem	npt folle	wing			14		
Q2	111111	ipt ion	, , , , , , , , , , , , , , , , , , ,			17		
	a) Ex	kplain B	orderLayout manager with example.			5		
			wing? Explain JTextField and JChec	kBox cl	ass.	5		
	c) Explain difference between Swing Vs. AWT.							
Q3	Attem	npt foll	owing.			14		
	a) Explain 2-tier and N-tier Architecture.							
		-				5 5		
	b) Explain Tomcat as web container.c) Explain RMI Architecture in detail.							
			avit Areinteeture in uetail.			4		
Q4	Attem	npt folle	owing.			14		
•		-	DBC? Explain Type-1 and Type-2 D	rivers.		5		
	b) Explain PreparedStatement with example.							
	b) Explain PreparedStatement with example.c) What is ResultSet? Explain any three methods of it.							

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Q5	Attempt following.				
	a) What is servlet? Explain servlet life cycle.b) Explain HttpServletRequest class with any four methods.c) Explain Hidden Form Field with example.	5 5 4			
Q6	Attempt following.				
	 a) What is JSP? Explain life cycle of JSP. b) Write a HTML/JSP Program to insert record in Emp(eno, ename, salary, city) table. c) What is action element? Explain <jsp:forward> elements of JSP.</jsp:forward> 	5 5 4			
Q7	Attempt following.				
	 a) Explain J2EE API. b) What is Statement interface? Explain its any three methods. c) Write a JDBC Program to insert a record in STUD (rollno, sname, addr, city) table. 	5 5 4			
Q8	Attempt following.	14			
	a) Write a HTML/servlet program to input employee no and delete record from Emp (eno, ename, salary, city) Table.b) Write a JSP Program to display all records of Student (rollno, sname, addr, cit in Tabular format.	7 ty) 7			



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